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jc848 U.S. PTO

06-09-00

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IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

"Express Mail" Label No. EK98229171825  
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

jc836 U.S. PTO  
09/590251  
06/08/00

INVENTOR(S) Vivek K. Goyal

Date of Deposit: June 8, 2000

CASE 5

Signature: Leresa M. Hanlin

TITLE Methods and Apparatus for Adaptive Signal Processing Involving a Karhunen-Loève Basis

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Enclosed are the following papers relating to the above-named application for patent:

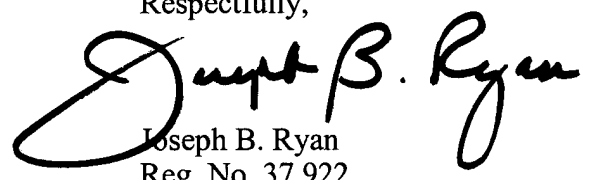
- Specification
- 7 Sheets of informal drawing(s)
- 1 Assignment with Cover Sheet
- Declaration and Power of Attorney
- Information Disclosure Statement with Form PTO-1449 and cited reference(s)

| CLAIMS AS FILED                            |           |           |          |              |
|--|-----------|-----------|----------|--------------|
|  | NO. FILED | NO. EXTRA | RATE     | CALCULATIONS |
| Total Claims                               | 25-20 =   | 5         | x \$18 = | \$90         |
| Independent Claims                         | 3-3 =     | 0         | x \$78 = | \$0          |
| Multiple Dependent Claim(s), if applicable |           |           | \$260 =  | \$0          |
| Basic Fee                                  |           |           |          | \$690        |
| TOTAL FEE:                                 |           |           |          | \$780        |

Please file the application and charge **Lucent Technologies Deposit Account No. 12-2325** the amount of \$780, to cover the filing fee. Duplicate copies of this letter are enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 12-2325** as required to correct the error.

Please address all correspondence to: **Joseph B. Ryan, Ryan & Mason, L.L.P., 90 Forest Avenue, Locust Valley, New York 11560.** Telephone calls should be made to the under-signed attorney at (516) 759-7517.

Respectfully,



Joseph B. Ryan  
Reg. No. 37,922  
Attorney for Applicant(s)

Date: June 8, 2000  
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